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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted With Initial Filing

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	441P092
First Named Inventor	Toyohumi Asano
COMPLETE IF KNOWN	
Application Number	
Filing Date	
Art Unit	
Examiner Name	

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SEALING MATERIAL FOR LIQUID CRYSTAL AND LIQUID CRYSTAL DISPLAY  
CELL USING SAME**

(Title of the Invention)

the specification of which

is attached hereto

**OR**

was filed on (MM/DD/YYYY) November 5, 2003 as United States Application Number or PCT International

Application Number PCT/JP03/14100 and was amended on (MM/DD/YYYY)   (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
2002-321922	Japan	11/6/2002	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to:  The address associated with Customer Number: 42754 OR  Correspondence address below

## Name

Nields &amp; Lemack

## Address

176 E. Main Street - Suite 7

City Westboro	State MA	ZIP 01581
Country USA	Telephone 508-898-1818	Fax 508-898-2020

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR:**  A petition has been filed for this unsigned inventor

Given Name (first and middle [if any]) <u>Toyohumi</u>	Family Name or Surname <u>Asano</u>
---	--

Inventor's Signature <i>Toyohumi Asano</i>	Date <i>May 17, 2005</i>		
Residence: City Saitama-shi	State Saitama	Country Japan <i>JPX</i>	Citizenship Japan

## Mailing Address

7-17-203, Kamiochiai 6-chome, Chuo-ku

City Saitama-shi	State Saitama	Zip 338-0001	Country Japan
---------------------	------------------	-----------------	------------------

**NAME OF SECOND INVENTOR:**  A petition has been filed for this unsigned inventor

Given Name (first and middle [if any]) <u>Toshiya</u>	Family Name or Surname <u>Sato</u>
--	---------------------------------------

Inventor's Signature <i>Toshiya Sato</i>	Date <i>May 20, 2005</i>		
Residence: City Saitama-shi	State Saitama	Country Japan <i>JPX</i>	Citizenship Japan

## Mailing Address

336-429, Kitabukurocho 2-chome, Oomiya-ku

City Saitama-shi	State Saitama	Zip 330-0835	Country Japan
---------------------	------------------	-----------------	------------------

Additional inventors or a legal representative are being named on the 1 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	
Filing Date	
First Named Inventor	Toyohumi Asano
Title	Sealing Material For Liquid Crystal
Art Unit	
Examiner Name	
Attorney Docket Number	441P092

I hereby appoint:

Practitioners associated with the Customer Number:

42754

OR

Practitioner(s) named below:

Name	Registration Number
Kevin S. Lemack	32,579
Henry C. Nields	17,029
Robert C. Frame	54,104

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

The address associated with the above-mentioned Customer Number:

OR

The address associated with Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Nields & Lemack			
Address	176 E. Main Street Suite 7			
City	Westboro	State	MA	Zip
Country	USA			
Telephone	508-898-1818	Fax	508-898-2020	

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)*

**SIGNATURE of Applicant or Assignee of Record**

Signature	Masaru Kudou	Date	May 20, 2005
Name	Masaru Kudou	Telephone	
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

<input type="checkbox"/> *Total of _____ forms are submitted.
---

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INDICATION FORM**

<b>Application Number</b>	
<b>Filing Date</b>	
<b>First Named Inventor</b>	Toyohumi Asano
<b>Title</b>	Sealing Material For Liquid Crystal
<b>Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	441P092

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<input checked="" type="checkbox"/> Firm or Individual Name	Nields & Lemack		
Address	176 E. Main Street Suite 7		
City	Westboro	State	MA
Country	USA		
Telephone	508-898-1818	Fax	508-898-2020

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Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)*

**SIGNATURE of Applicant or Assignee of Record**

Signature	<i>Naoyuki Ochi</i>	Date	<i>May 18, 2005</i>
Name	Naoyuki Ochi	Telephone	
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of \_\_\_\_\_ forms are submitted.

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First Named Inventor	Toyohumi Asano
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Examiner Name	
Attorney Docket Number	441P092

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Firm or Individual Name	Nields & Lemack		
Address	176 E. Main Street Suite 7		
City	Westboro	State	MA
Country	USA	Zip	01581
Telephone	508-898-1818	Fax	508-898-2020

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)*

**SIGNATURE of Applicant or Assignee of Record**

Signature	Masahiro Hirano	Date	May 18, 2005
Name	Masahiro Hirano	Telephone	
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

<input type="checkbox"/>	*Total of _____ forms are submitted.
--------------------------	--------------------------------------

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First Named Inventor	Toyohumi Asano
Title	Sealing Material For Liquid Crystal
Art Unit	
Examiner Name	
Attorney Docket Number	441P092

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Firm or Individual Name	Nields & Lemack			
Address	176 E. Main Street Suite 7			
City	Westboro	State	MA	Zip
Country	USA			
Telephone	508-898-1818	Fax	508-898-2020	

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Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature	Masahiro Imaizumi	Date	May 18, 2005
Name	Masahiro Imaizumi	Telephone	
Title and Company			

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Rec'd PCT/PTO 10 JUN 2005

PTO/SB/81 (09-04)

Approved for use through 11/30/2005. OMB 0651-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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First Named Inventor	Toyohumi Asano
Title	Sealing Material For Liquid Crystal
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Attorney Docket Number	441P092

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Address	176 E. Main Street Suite 7				
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Country	USA				
Telephone	508-898-1818	Fax	508-898-2020		

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Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature	Eiichi Nishihara	Date	May 20, 2005
Name	Eiichi Nishihara	Telephone	
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

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First Named Inventor	Toyohumi Asano
Title	Sealing Material For Liquid Crystal
Art Unit	
Examiner Name	
Attorney Docket Number	441P092

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The address associated with Customer Number:

<input checked="" type="checkbox"/> Firm or Individual Name	Nields & Lemack		
Address	176 E. Main Street Suite 7		
City	Westboro	State	MA
Country	USA		
Telephone	508-898-1818	Fax	508-898-2020

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature	Toshiya Sato	Date	May 20, 2005
Name	Toshiya Sato	Telephone	
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

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Application Number	
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First Named Inventor	Toyohumi Asano
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Art Unit	
Examiner Name	
Attorney Docket Number	441P092

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**SIGNATURE of Applicant or Assignee of Record**

Signature	Toyohumi Asano	Date	May 17, 2005
Name	Toyohumi Asano	Telephone	
Title and Company			

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Please type a plus sign (+) inside this box



Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of 4

Name of Additional Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Masahiro		Imaizumi	
Inventor's Signature	<i>Masahiro Imaizumi</i>		Date <i>May 18, 2005</i>
Residence: City Kita-ku	State Tokyo	Country JP	Citizenship JP
Mailing Address 15-5-304, Akabanekita 1-chome			
City Kita-ku	State Tokyo	ZIP 115-0052	Country JP

Name of Additional Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Eiichi		Nishihara	
Inventor's Signature	<i>Eiichi Nishihara</i>		Date <i>May 20, 2005</i>
Residence: City Kita-ku	State Tokyo	Country JP	Citizenship JP
Mailing Address 40-2, Shimo 5-chome			
City Kita-ku	State Tokyo	ZIP 115-0042	Country JP

Name of Additional Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box

+  
\_\_\_\_\_

## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 3 of 4

Name of Additional Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
<u>Masaru</u>		<u>Kudou</u>	
Inventor's Signature	<i>Masaru Kudo</i>		
Residence: City <u>Saitama-shi</u>	State <u>Saitama</u>	Country <u>JPX</u>	Citizenship <u>JP</u>
Mailing Address <u>11-10, Kamiochiai 6-chome, Chuo-ku</u>			
City <u>Saitama-shi</u>	State <u>Saitama</u>	ZIP <u>338-0001</u>	Country <u>JP</u>

Name of Additional Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
<u>Naoyuki</u>		<u>Ochi</u>	
Inventor's Signature	<i>Naoyuki Ochi</i>		
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Name of Additional Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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